

APR 10 2017



TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION

Division of Water Resources

William R. Snodgrass Tennessee Tower, 312 Rosa L. Parks Avenue, 11th Floor, Nashville, Tennessee 37243

1-888-891-8332 (TDEC)

Application for Aquatic Resource Alteration Permit (ARAP) & State §401 Water Quality Permit

OFFICIAL STATE USE ONLY	Site #: 113765	Permit #: NR1703.072
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Section 1. Applicant Information (individual responsible for site, signs certification below)

Applicant Name: James D. Walmsley SR			
Company:		Signatory's Title or Position:	
Mailing Address: 138 Lakeshore View DR.		City: KINGSTON	State: TN Zip: 37763
Phone:	Fax:	E-mail: Walmsley45@G.Mail.Com	

Section 2. Alternate Contact/Consultant Information (a consultant is not required)

Alternate Contact Name: Howard Hoken			
Company:		Title or Position:	
Mailing Address:		City:	State: Zip:
Phone: (865) 740-2620	Fax:	E-mail:	

Section 3. Fee (check appropriate box and submit requisite fee with application)

<input type="checkbox"/> No Fee Submitted	<input type="checkbox"/> Fee Submitted with Application	Amount Submitted: \$ _____
Current fee schedules for Aquatic Resource Alteration Permit processing may be found at the Division of Water Resources webpage at http://www.tn.gov/environment/permits/arap.shtml or by calling (615) 532-0625. Make checks payable to "Treasurer, State of Tennessee".		

Section 4. Project Details (fill in information and check appropriate boxes)

Site or Project Name: Walmsley Bank Restoration		Nearest City, Town or Major Landmark: MILE MARK 558.11 KINGSTON TN	
Street Address or Location: 138 Lakeshore View DR. KINGSTON TN, 37763			
County(ies): Roane	MS4 Jurisdiction:	Latitude (dd.dddd): 27.54 N 35.7914	Longitude (dd.dddd): 24.5 W -84.4091
Resource Proposed for Alteration: <input type="checkbox"/> Stream <input checked="" type="checkbox"/> Wetland <input type="checkbox"/> Reservoir Sea Wall - Rip RAP			
Name of Water Resource: WATTS BACK Lake			
Brief Project Description (a more detailed description is required under Section 8): RESTORE bank Bank with Rip RAP - REMOVE 2 UNDERMINED TREES			
Does the proposed activity require approval from the U.S. Army Corps of Engineers, the Tennessee Valley Authority, or any other federal, state, or local government agency? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
If Yes, provide the permit reference numbers: NOT ISSUED - T.V.A.			
Is the proposed activity associated with a larger common plan of development? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
If Yes, submit site plans and identify the location and overall scope of the common plan of development.		Plans attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
If applicable, indicate any other federal, state, or local permit authorizations that the overall project site (common plan of development) has obtained in the past (i.e. construction general permit coverage and/or other ARAPs):			

Section 5. Project Schedule (fill in information and check appropriate boxes)

Start date:	Estimated end date:
Is any portion of the activity complete now? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, describe the extent of the completed portion:	

include 6 bank NOT in mailing

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The required information in Sections 6-11 must be submitted on a separate sheet(s) and submitted in the same numbered format as presented below. If any question is not applicable, state the reason why it is not applicable.

Section 6. Project Description		Attached	
		Yes	No
6.1	A narrative description of the scope of the project	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6.2	USGS topographic map indicating the exact location of the project (<i>can be a photographic copy</i>)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6.3	Photographs of the resource(s) proposed for alteration with location description (<i>photo locations should be noted on map</i>)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6.4	A narrative description of the existing stream and/or wetland characteristics including, but not limited to, dimensions (e.g., depth, length, average width), substrate and riparian vegetation	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6.5	A narrative description of the proposed stream and/or wetland characteristics including, but not limited to, dimensions (e.g., depth, length, average width), substrate and riparian vegetation	<input type="checkbox"/>	<input type="checkbox"/>
6.6	In the case of wetlands, include a wetland delineation with delineation forms and site map denoting location of data points	<input type="checkbox"/>	<input type="checkbox"/>
6.7	A copy of all hydrologic or jurisdictional determination documents issued for water resources on the project site	<input type="checkbox"/>	<input type="checkbox"/>

Section 7. Project Rationale	Attached	
	Yes	No
Describe the need for the proposed activity, including, but not limited to, the purpose, alternatives considered, and what will be done to avoid or minimize impacts to streams or wetlands.	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Section 8. Technical Information		Attached	
		Yes	No
8.1	Detailed plans, specifications, blueprints, or legible sketches of present site conditions and the proposed activity. Plans must be 8.5.x 11 inches. Additional larger plans may also be submitted to aid in application review. The detailed plans should be superimposed on existing and new conditions (<i>e.g., stream cross sections where road crossings are proposed</i>)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8.2	For both the proposed activity and compensatory mitigation, provide a discussion regarding the sequencing of events and construction methods	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8.3	Depiction and narrative on the location and type of erosion prevention and sediment control (EPSC) measures for the proposed alterations	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Section 9. Water Resources Degradation (degree of proposed impact) <i>Note that in most cases, activities that exceed the scope of the General Permit limitations are considered greater than de minimis degradation to water quality.</i>	
My activity, as proposed:	
a.	<input checked="" type="checkbox"/> Will not cause measurable degradation to water quality
b.	<input type="checkbox"/> Will only cause de minimis degradation to water quality
c.	<input type="checkbox"/> Will cause more than de minimis degradation to water quality (<i>Complete additional sections 9-11</i>)
d.	<input type="checkbox"/> Unsure/need more information
<p><i>For information and guidance on the definition of de minimis and degradation, refer to the Antidegradation Statement in Chapter 0400-40-03-.06 of the Tennessee Water Quality Criteria Rule: https://www.tn.gov/sos/rules/0400-40-03-.06/0400-40-03-20131216.pdf. For more information on specifics on what General Permits can cover, refer to the Natural Resources Unit webpage at http://www.tn.gov/environment/permits/arap.shtml</i></p>	

If you checked "c." above in Section 9, complete the following 2 sections, 10-11.

Section 10. Detailed Alternative Analysis		Attached	
		Yes	No
10.1	Analyze all reasonable alternatives and describe the level of degradation caused by each of the feasible alternatives	<input type="checkbox"/>	<input type="checkbox"/>
10.2	Discuss the social and economic consequences of each alternative	<input type="checkbox"/>	<input type="checkbox"/>
10.3	Demonstrate that the degradation associated with the preferred alternative will not violate water quality criteria for uses designated in the receiving waters, and is necessary to accommodate important economic and social development in the area	<input type="checkbox"/>	<input type="checkbox"/>

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Section 11. Compensatory Mitigation		Attached	
		Yes	No
11.1	A detailed discussion of the proposed compensatory mitigation	<input type="checkbox"/>	<input checked="" type="checkbox"/>
11.2	Describe how the compensatory mitigation would result in no net loss of resource value	<input type="checkbox"/>	<input checked="" type="checkbox"/>
11.3	Provide a detailed monitoring plan for the compensatory mitigation site	<input type="checkbox"/>	<input checked="" type="checkbox"/>
11.4	Describe the long-term protection measures for the compensatory mitigation site (e.g., deed restrictions, conservation easement)	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Certification and Signature

An application submitted by a corporation must be signed by a principal executive officer; from a partnership or proprietorship, by the partner or proprietor respectively; from a municipal, state, federal or other public agency or facility, the application must be signed by either a principal executive officer, ranking elected official, or other duly authorized employee.

"I certify under penalty of law that this document and all attachments were prepared by me, or under my direction or supervision. The submitted information is to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. As specified in Tennessee Code Annotated Section 39-16-702(a)(4), this declaration is made under penalty of perjury."

<u>James Walmsley</u>	<u>owner</u>	<u>James Walmsley</u>	<u>4-10-17</u>
Printed Name	Official Title	Signature	Date

Submitting the form and obtaining more information Note that this form must be signed by the principal executive officer, partner or proprietor, or a ranking elected official in the case of a municipality; for details see **Certification and Signature** statement above. For more information, contact your local EFO at the toll-free number 1-888-891-8332 (TDEC). Submit the completed ARAP Application form (keep a copy for your records) to the appropriate EFO for the county(ies) where the ARAP activity is located, addressed to **Attention: ARAP Processing**. You may also electronically submit the complete application and all associated attachments (e.g., maps, wetland delineations and narrative portions) to water.permits@tn.gov.

EFO	Street Address	Zip Code	EFO	Street Address	Zip Code
Memphis	8383 Wolf Lake Drive, Bartlett	38133-4119	Cookeville	1221 South Willow Ave.	38506
Jackson	1625 Hollywood Drive	38305-4316	Chattanooga	1301 Riverfront Pkwy., Ste. 206	37402
Nashville	711 R S Gass Boulevard	37243	Knoxville	3711 Middlebrook Pike	37921
Columbia	1421 Hampshire Pike	38401	Johnson City	2305 Silverdale Road	37601



OFFICIAL STATE USE ONLY

Received Date: <u>4/10/17</u>	Permit Number: <u>NR1703.072</u>	Reviewer: <u>AW</u>	Field Office: <u>KEFD</u>
Fee amount paid: <u>150</u>	T & E Aquatic Flora and Fauna:	Impaired Receiving Stream:	Application Review:
Date: <u>4/10/17</u>			<input type="checkbox"/> Deficient Date: _____
Check #: <u>11286</u>	Exceptional TN Water:		<input type="checkbox"/> Complete Date: _____

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#1

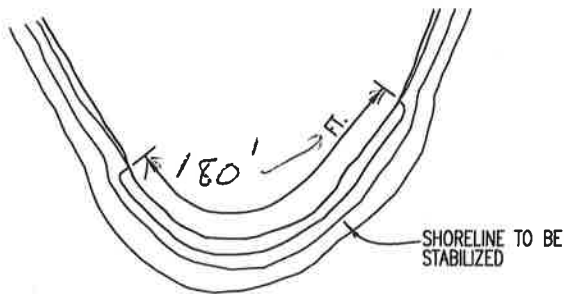
- 6.1 #1 Replace & Restore Lake Front property that has washed away, Replace with Rip Rap at T.U.A. Specs
#2 Remove 2 undermined & dead trees on shore line, afraid of falling on my Dock.
- 6.2 - Provided
- 6.3 - Photos Provided
- 6.4 #1 Shore Lines over a period of years washed out bank, lost about 6' of shoreline, would like to restore shore line with Rip Rap. Approx 180' in length.
#2 would like to remove trees that have been undermined and are dead, so they will NOT fall on my Dock.
- #7 I would like to save the shore line.
- #8 Want to construct when water is down put in any deemed control methods advised by contractor, then follow T.U.A. Specs.
- 8-2 - Remove from lake existing sea wall

#2

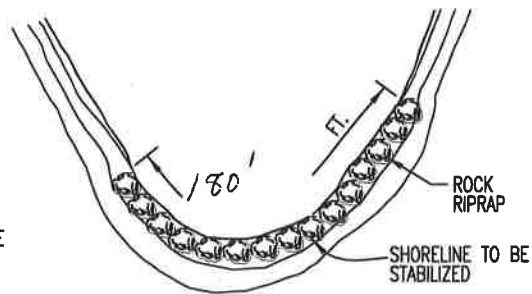
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8-3 I will follow T.V.A. Plan which is attached. I will deal with removing trees and sea wall doing the least amount of disturbance possible while water is down. I will replace the Matting up around the shore line.

NOTE: INCLUDE ALL DIMENSIONS AND ELEVATIONS WHERE INDICATED

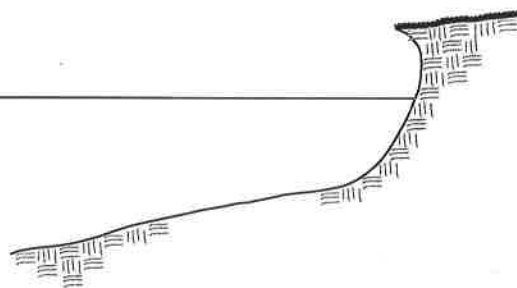


PLAN SHOWING
EXISTING SHORELINE



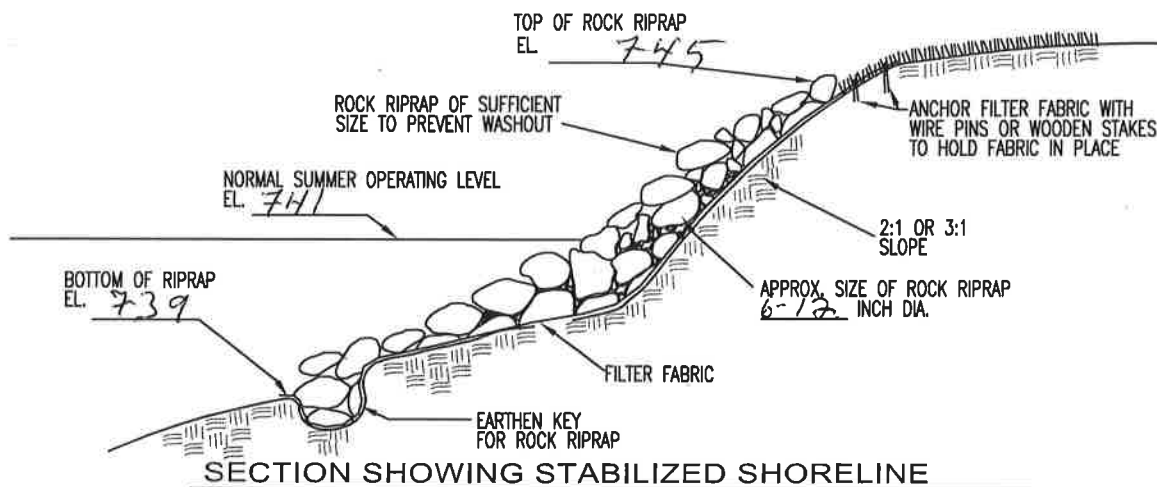
PLAN SHOWING
STABILIZED SHORELINE

NORMAL
SUMMER WATER EL. 741



SECTION SHOWING EXISTING SHORELINE

TOTAL CUBIC YARDS OF
RIPRAP MATERIALS

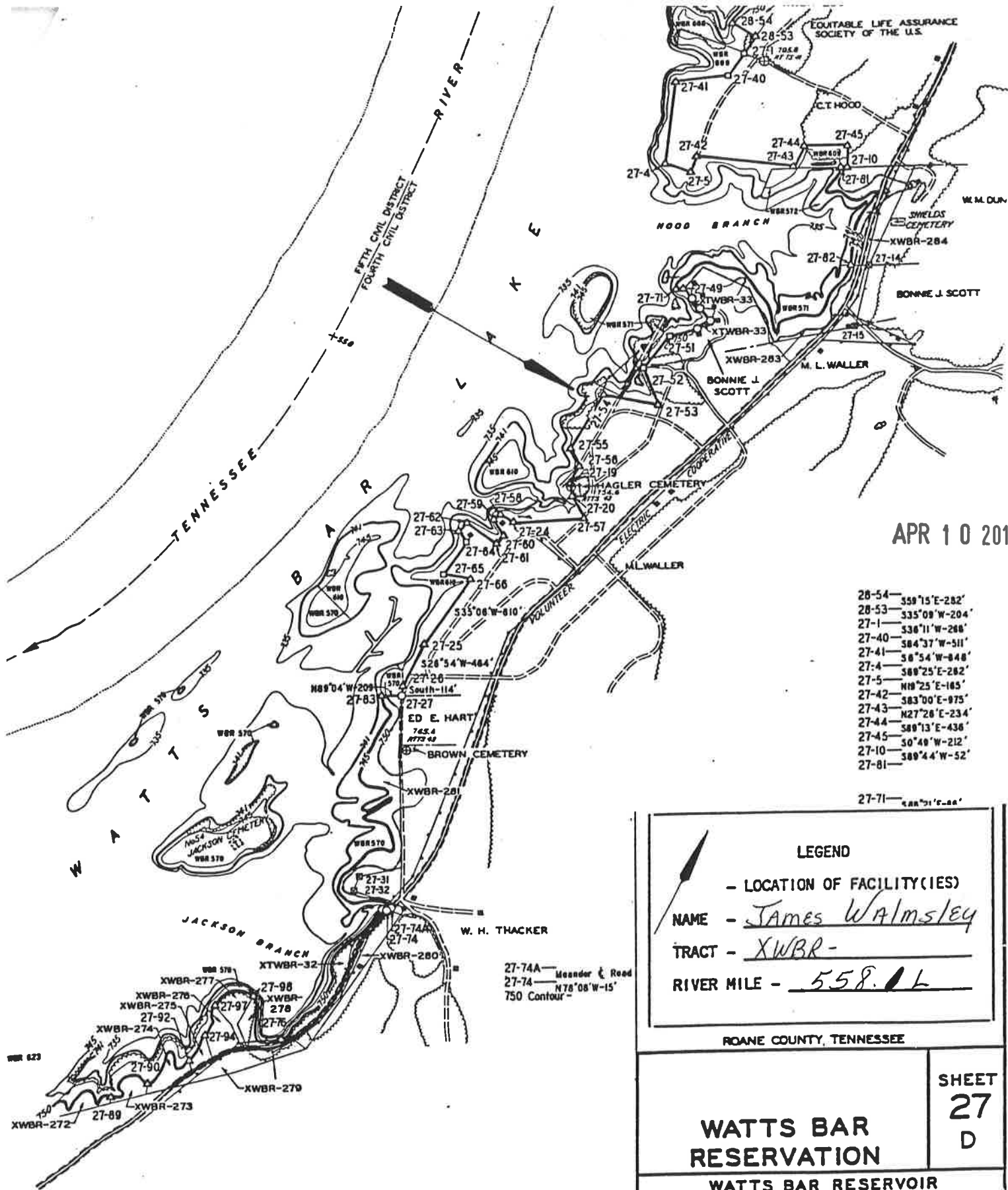


SECTION SHOWING STABILIZED SHORELINE

TYPICAL SHORELINE ROCK RIPRAP

PROJECT LOCATION INFORMATION:

APPLICANT James Walmsley
 RESERVOIR WATTS BAR
 TRACT NUMBER XWBR-98PT/XWBR-247R
 SUBDIVISION Holiday Hills
 LOT NO. 8 MAP NO. 27D
 RIVER Tennessee RIVER MILE 558.14



- 28-54— 359°15'E-282'
- 28-53— 335°09'W-204'
- 27-1— 336°11'W-286'
- 27-40— 384°37'W-511'
- 27-41— 36°54'W-848'
- 27-4— 388°25'E-282'
- 27-5— N18°25'E-185'
- 27-42— 383°00'E-975'
- 27-43— N27°28'E-234'
- 27-44— 389°13'E-436'
- 27-45— 30°49'W-212'
- 27-10— 389°44'W-52'
- 27-81—

LEGEND

- LOCATION OF FACILITY(IES)

NAME - James Walmsley

TRACT - XWBR-

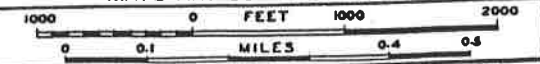
RIVER MILE - 558.1 L

ROANE COUNTY, TENNESSEE

WATTS BAR RESERVATION

SHEET
27
D

WATTS BAR RESERVOIR
TENNESSEE VALLEY AUTHORITY
MAPS AND SURVEYS BRANCH



CHATTANOOGA JAN. 1958 9 MS 421B555-D-27 R.1



**TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION
ENVIRONMENTAL FIELD OFFICE**

**3711 Middlebrook Pike
Knoxville, TN 37921**

(865)594-6035 STATEWIDE 1-888-891-8332 (865)594-6105

Receipt: EAC-K-7599

Date of Receipt: 10-Apr-2017 10:42 am

Created By: Brittani Dodd (BG57015)

County: Roane

EFO/Office: Knoxville Field Office

Received From: James D Walmsley

Company/Affiliation:

Recipient Address: 138 Lakeshore View Drive
KINGSTON, TN- 37763

Amount Received: \$50.00

Method of Payment: CHECK

Check Number: 11286

Comments: WALMSLEY BANK RESTORATION - RESTORE LAKE BANK WITH RIP RAP

Division	Description	TDEC Code	Quantity	Unit Price	Line Total
WPC	WPC-ARAP \$50 Permit Application	43.340.F02	1	\$50.00	\$50.00

Receipt Total: \$50.00